

"METHOD OF REDUCING AMOUNT OF PEROXIDES, REDUCING FUEL SEDIMENT & ENHANCING FUEL SYSTEM ELASTOMER DURABILITY, FUEL STABILITY & FUEL COLOR DURABILITY"

Filed: September 18, 2003 Inventors: Joshua J. Bennett et al.
 Serial No.: Not yet assigned Examiner: Not yet assigned
 Attorney Docket No.: EI-7611 Phone: 804-788-5516

ULSD Test Fuels

Selected Properties

Property	ASTM Method	Fuel ID	
	A	B	
Cetane number	D 613	42.3	59.2
Aromatics, vol%	D 1319	24.8	21.7
Saturates, vol%	D 1319	73.6	76.3
Olefins, vol%	D 1319	1.6	2.0
Sulfur, ppm (wt.)	D 5453	1	17
Specific Gravity	D 4052	.831	.836
10% B.P., °C	D 86	213	257
50% B.P., °C	D 86	262	296
90% B.P., °C	D 86	322	338
Kinematic visc., 40°C, cSt	D 445	2.48	4.02

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Hydperoxide Kinetics

